



**Grower Information Sheet for Mandevilla “Fury Fire & Ice” PP23293
and “Heart Throb” PPAF
*Variegated Leaf Varieties***

We at Hidden Acres Nursery would first like to thank you for your purchase of our new and exciting Mandevilla “Fury Fire & Ice” PP23293 and/or “Heart Throb” PPAF from our Fury series. We hope that this information will help in your production process and increase your profitability. Please feel free to call Hidden Acres Nursery at 800-741-4564, ask for Wes Fisher.

The grower information and observations were made at Hidden Acres Nursery in Sebring, Florida. Plants were grown in clear double poly greenhouses and 30% shade house. In the time that we have been doing these varieties, we have had no green reversions. Flowers have stayed true to type, crimson red for “Fury Fire & Ice”, bright pink for “Heart Throb”.

1. Upon opening and removing product from box. Spray with Zeritol at rate of 1 ounce per gallon of spray solution. Follow directions/label for curative or preventative treatment. This is to sterilize any diseases that might have tried to start in box during shipping.
2. Plant likes fertilizer level at low rates and only uses a 10 to 12 month slow release product. Do not let fertilizer/soluble salts get high, plants will burn. If you are growing a bush form, stay with a 1-1-1 ratio mix. We used a 14-12-14. If you are growing for trellis, use a 3-1-2 ratio, we used a 18-6-12. In November, we had one tendril that in 35 days grew 57” up a mist tube hanging in greenhouse; it will go up a trellis. I would suggest that you tie new shoot to trellis or start wrap, then it will do the rest. Temps in that house were nighttime low of 65 F and high of 90 F. Ten inch baskets were planted with 3 and 4 cuttings. Plants were planted in mid August and were of customer’s acceptable quality in 12 to 16 weeks. Baskets were in bud and bloom for Valentine’s Day market. Plants were also observed with good bloom for Thanksgiving. I would rate growth rate to be faster than Dipladenia “Red Riding Hood” but slower than Mandevilla “Alice Dupont”. I would rate plants to be fertilizer sensitive in high temperatures.
3. Other fungicides that we suggest to use in weekly rotation are: Spectro 90, Heritage, Chipco 26019 and Subdue Maxx. **NEVER USE A COPPER BASE SPRAY ON VARIEGATED MANDEVILLA’S!! WILL BURN FOLIAGE!!** All of these we use at low rates and follow label instructions. If you use more than one fungicide in tank mix always test for compatibility and possible plant damage.
4. Soil recommendation would be a light well drained mix with no more than 40% Canadian peat or 30% Florida peat. Best results were in a mix 15% Canadian peat/15% Florida peat/15% coarse perlite and 55% pine bark. We also used a 35% Canadian peat/65% coarse perlite with great success. We have found that plant takes a wide variety of soils. I would recommend low fertilizer rate and supplement with a liquid feed until incorporated fertilizer begins its release. We used 8 oz. per 100 gals of 10-10-10 or 14-7-14 with no adverse effects. Low rates of minors were also added to this solution. I would recommend a pH of 6 to 6.5 but plant does like hydrated lime at low rates, we used 4 to 8 oz per 100 gal. The pH of the well water at Hidden Acres ranged from 3.8 to 4.3. Nurseries with neutral to high pH water may not need to put out lime or dolomite although I would recommend keeping pH in 6-6.5 pH range.
5. Plant does not appear to be a heavy water user and tolerates dryer soil conditions well, although don’t let pot get high soluble salts. We have seen no root disease at all. We have had plants with heavy soil and they seem to grow slower than well drained mix. Plant fits the “Sustainable” buzz word. Uses low fertilizer rates and has low water requirements.
6. Pest problems would be similar to all Mandevilla spp. We have used a wide variety of insecticides and fungicides with no adverse effect or reaction by the plant. We have used lowest recommended rates of most chemicals and followed label instructions. I would suggest you test always and never spray in extreme hot or cold conditions.
7. Both varieties can take temperatures to 32 F
nighttime temperatures or above, they will bloom year round. The warmer the nights, the better blooming.
8. Here at Hidden Acres Nursery, your success is our success. If you have any additional questions, feel free to contact myself, Wes Fisher at 1-800-741-4565 or email wes@hantc.com.